



The National Cooperative Observer

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Winter 2013

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From left, Observing Program Lead **Gary Wicklund**, WFO Pocatello, ID, presents the Thomas Jefferson Award to **Nick Purdy** with his wife, **Sharon**. Photo by MIC **Rick Dittmann**.

Recognizing both outstanding commitment and more than 43 years of dedication and excellence to NOAA's National Weather Service (NWS), Picabo, ID, Observer **Nick Purdy** was awarded the agency's Thomas Jefferson Award.

The Jefferson Award is the agency's most prestigious recognition. This award is presented to no more than five NWS Cooperative Weather Observers nationwide each year. Meteorologist-In-Charge (MIC) **Rick Dittmann**, at NWS Pocatello, ID, presented the award in a ceremony in Picabo on December 18.

Nick began recording weather and climate observations on November 1, 1969, assuming station duties from his father. During his tenure, he has provided uninterrupted observations of daily

precipitation and temperature data as well as critical storm spotter information.

In order to be considered for the Jefferson Award, the nominee must have been previously awarded the Cooperative Observer Program's second highest award, the John Campanius Holm Award. Nick received this recognition in 1997.

Nick's flawless and informative observations have been instrumental in providing NWS with critical weather information.

In addition to helping NWS, Nick also provides his observations to the U.S. Bureau of Reclamation, the U.S. Geological Survey, and the National Resource Conservation Service. The Conservation Service uses the data to evaluate water supply for the Big and Little Wood River hydrological basins.

History of the Weather Service: 1877 to 1881

Previous editions of this newsletter detailed the early history of the National Weather Service. The story continues in 1877 with the expansion of the Army's Signal Service role, one of the first federal offices responsible for providing weather information.

Not all reports from the Signal Service stations dealt with weather observations. For example, the following memo was concerned with another problem.

"WAR DEPARTMENT, OFFICE OF THE CHIEF SIGNAL-OFFICER, DIVISION OF TELEGRAPHS AND REPORTS FOR THE BENEFIT OF COMMERCE AND AGRICULTURE

"Washington, D.C., May 17, 1877

"SERGEANT: Should the Rocky Mountain locust appear at or near your station at any time during the present year, you will obtain all the information possible relative to the following subjects, viz:

"The date of appearance of the locusts; the direction from which they came; the direction and velocity of wind and character of weather at time of appearance; the length of time they remain in your neighborhood, and amount of damage done by them; the direction and velocity of flight; direction of flight when they leave your station; whether they fly with or against the wind; whether or not they laid eggs in great quantities in the surrounding country; what means were taken to destroy the eggs or the locusts; any other information you can obtain on this subject. Should the locusts have arrived at your station previous to the receipt of this communication, you will obtain all the information possible from the citizens residing near you and

forward it without delay to this office.

"Make full notes in your daily journal in regard to locusts and forward the same with the abstract."

Since Signal Service forecasters and observers were in the Army, rules and regulations were strict. Listed below are examples of regulations in 1883.

"Clerks will keep their desks, their drawers, and file cases neat and clean. Papers taken out of the files for action will be returned as soon as the work in hand is completed and at the close of each day's work.

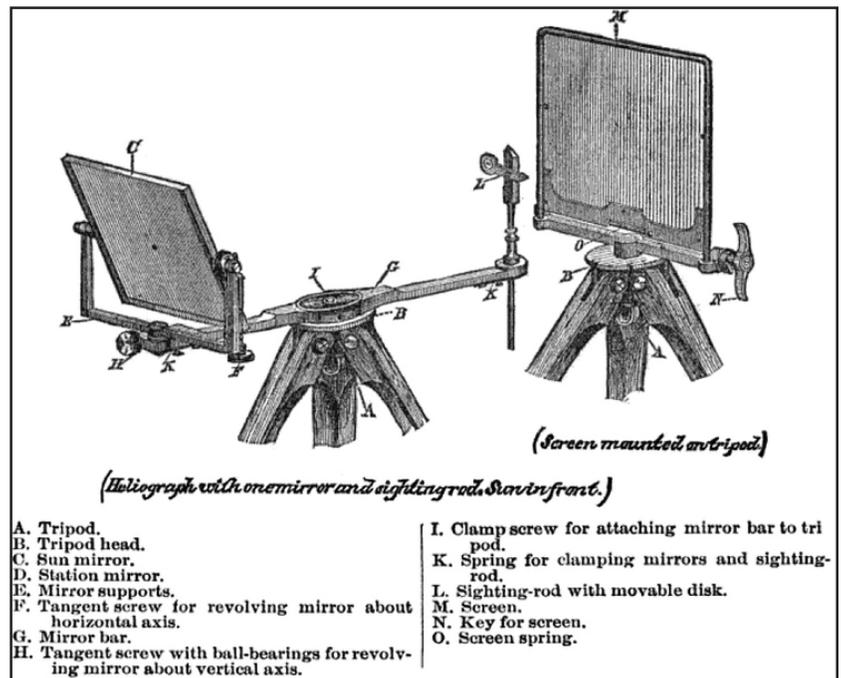
"The Property Officer will, each Saturday, have all rooms halls, stairways, closets, cellars, etc., carefully policed and arranged.

"Drinking vessels will not be used in taking medicine; nor will the taking of medicine at water-coolers be permitted.

"Discussions in reference to the business of the office at any time or place not necessary to the proper discharge of the duties of the same are prohibited.

"The office rooms must neither be used as visiting rooms, nor for purposes of

Should the Rocky Mountain locust appear at or near your station at any time during the present year, you will obtain all the information possible relative to the following subjects...



The new standard heliograph from the Annual Report of the Chief Signal Officer of the Army to the Secretary of War for 1888, Government Printing Office, 1889.

entertainment. Persons visiting the office are expected to transact their business as promptly and briefly as practicable.

"Unnecessary conversations, writing of private letters, and reading of newspapers during office hours are strictly prohibited. Conversation necessary to the proper dispatch of business will be carried on in a low tone of voice.

"The outfit of an inspecting officer will consist of one standard mercurial barometer, two standard thermometers, one standard compass, one jar of mercury; also the necessary blanks, stationery, barometer cisterns, clamps and screws, small screw drivers, and a tape-line.

"He [the inspector] will inspect the observer and assistants in uniform, and examine them as to their knowledge of the various circulars and orders issued by the central office; and when they do not appear to understand any one, or part of one, proper instruction will be given. He will also examine them in the following textbooks of the service: Loomis' Meteorology, Myer's Manual of Signals, Instructions to Observers, Pope's Telegraphy, and Handbook for the Signal Corps.

"The result of the examination in each case will be reported under 'general remarks' in the inspection report. He will test them in wand practice, and when there are facilities, in telegraphy, giving the number of words received and sent in each case.

"All maps and bulletins issued and posted at station will be personally inspected and their condition noted from actual observation and not from the observer's statement.

"The date of the several maps and bulletins posted in the frames at the time of inspection will be observed, and if the latest issue is not found therein the observer will be called to account for neglect of duty.

"Military authority is to be exercised with firmness, but with kindness and justice to inferiors. Punishments shall be strictly conformable to military law.

"Superiors of every grade are forbidden to injure those under them by tyrannical or capricious conduct, or by abusive language."

During the 1870s and '80s, research studies were conducted at the central office in Washington, D.C. The early research was comprised mainly of topics dealing

with the distribution of moisture in the air, a treatise on the laws of meteorology, a report on tornadoes from special observers in the Corps, and instructional material for Signal Service trainees. Colonel Myer, not overly interested in research, employed only one permanent civilian professor, Cleveland Abbe, but Hazen added four senior and three junior professors after 1880. One man was in charge of investigations on atmospheric electricity and another on thermometry exposure.

The first 10 years under the Signal Service were tranquil internally. General Myer, the chief of the new agency from 1870 until his death in 1880, deserves much of the credit. Myer possessed the ability to organize the agency in a seemingly effective manner, resulting in minimal internal strife. Myer stressed public service; the personnel of the weather agency knew their job was service to others.



Albert James Myer
(1828-1880)

Under General Hazen, Myer's successor, the agency entered a period of turmoil. From 1880 to 1887, the weather service was rocked by allegations of fraud, scandals, and subsequent investigations.

In 1881, information surfaced that Captain Henry W. Howgate, disbursing officer of the Signal Service, had embezzled nearly \$237,000 from the U.S. Government through the use of fraudulent vouchers.

The Howgate scandal resulted in a number of repercussions for both the Weather Service and the Signal Service. Critics charged that employees of the Signal Service aided Howgate. Hazen was pressured to reduce the expenditures of the Service by the amount of the missing funds.

Also under Hazen's administration, growing strife surfaced regarding the degree of autonomy the Signal Service should have as a component of the army.

The story continues in the spring edition of the National Cooperative Observer.

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John Campanius Holm Award



MIC **Ryan Knutsvig** presented a Holm Award to **Deanna Brummet** on the floor of a rodeo arena. Photo by OPL **Steve Carmel**.

NWS North Platte, NE, MIC **Ryan Knutsvig** presented a John Campanius Holm Award to **Deanna Brummet** during the Logan County Fair in Stapleton, NE. OPL **Steve Carmel** nominated Deanna for the award and helped organize the awards presentation, which took place on the floor of the rodeo arena.

At the conclusion of the awards ceremony, Steve presented Deanna with a proclamation from Nebraska Governor Dave Heineman and Nebraska Secretary of State John Gale declaring August 25, 2012, as Deanna Brummet Day. Also, NWS staff presented a congratulatory letter from Nebraska State Senator Deb Fischer heralding Deanna's accomplishments in her role as a stellar Cooperative Weather Observer. Deanna began her service as an Observer on July 24, 1989, reporting daily precipitation data,

including snowfall and snow depth.

In addition to her dedicated service as an Observer, Deanna is very active in her church. Over the years, she has served as the church organist, music director, co-chairman of the community Vacation Bible School, and a member of the Board of Elders.

Deanna has given out more than 1,000 medals in her support of the Bandaid for the Heart program, a program recognizing veterans. In October 2010, Deanna created the western landscape at Cody Park in North Platte for the American Veterans Traveling Tribute Vietnam Wall. Deanna and her daughter **Heidi** have decorated two rooms at the Buffalo Bill home at Scouts Rest Ranch in North Platte for Christmas the past 2 years.

In addition to supporting NWS, Deanna submits weather information for the *Stapleton Enterprise* and *North Platte Telegraph* newspapers, and has produced numerous stories for publication.

Through the Nebraska Farm Bureau, Deanna has been an Ag Pen Pal, sharing her stories of life in the Nebraska Sandhills through letters exchanged with classes in schools 300 miles away in Lincoln, Omaha and Springfield, NE.

Her love of photography has combined with her interest in weather. Her photographs of clouds and storms were chosen for the Nebraska Natural Resources District annual photo calendar.

Cheryl Graham, Deanna's sister, provided a great comment in her letter of recommendation for the Holm Award. "I think Deanna's interest in weather began in childhood. We had a heightened awareness of the weather by growing up in the Sandhills of Nebraska, far away from any warning sirens, with a mother who was a 'city' girl and terrified of storms. Our dear mother watched developing storms from the windows and sent us to the basement when she couldn't stand it anymore. We spent a lot of our childhood in that basement! Thankfully there was a comfy couch and comic books to wait out the storm's passing."

John Campanius Holm Awards

Walter Fisher, right, proudly accepts the John Campanius Holm Award at his home in Ocean View, HI. The award was presented by MIC **Ray Tanabe**, NWS Honolulu Forecast Office.

Deanna Marks of NWS Hilo and CPM **Jeffrey Moss** also attended. Walter has been taking timely and accurate weather observations at this site since 1989.



Recognizing 36 years of service to America, NWS named **George Huntingford**, right, of Chimacum, WA, a winner of the John Campanius Holm Award for outstanding service in the Cooperative Observing Program.

Since he began working as a volunteer weather Observer in 1976, George has maintained an unbroken record of daily rainfall reports, often during the most extreme and hazardous weather events. The award was presented by Warning Coordination Meteorologist (WCM) **Ted Buehner**, NWS Seattle, WA.

John Campanius Holm Award



Scott Poese, left, accepts a Holm Award from NWS North Platte MIC **Ryan Knutsvig**. Photo by OPL **Steve Carmel**.

From left, Observer **Scott Poese**, of O'Neill, NE, General Manager of **KBRX Radio Station** and Ranchland Broadcasting, was presented with the Holm Award by MIC **Ryan Knutsvig**, NWS North Platte, NE. The award was presented at the Blarney Stone Restaurant in O'Neill. Scott also received his 25 Year Length of Service Award and pin. In a special conclusion to the awards ceremony, Scott was presented with a proclamation from Nebraska Governor Dave Heineman and Nebraska Secretary of State John Gale declaring September 12, 2012, as Scott Poese Day.

OPL **Steve Carmel** nominated Scott Poese for the Holm Award, and organized the awards presentation. Scott has been an outstanding Observer since July 1, 1987. None of Scott's contributions would have been possible without the support of KBRX radio, which has provided observations since 1956!

Scott and his staff from KBRX have done an excellent job taking maximum and minimum temperatures, precipitation, and snowfall and snow depth, often during extreme weather conditions. This team has gone above and beyond to provide information from the O'Neill area—including posting time dependent data directly onto the KBRX Website – which NWS accesses in real time for local storm reports.

Ron Cork, President and CEO of Avera St. Anthony's Hospital wrote in his endorsement letter: "Several years ago KBRX sounded the alert to the community regarding an adverse weather condition and 125 employees along with 16 patients took shelter in the lower level of the original hospital. For 2 hours we listened to KBRX, learning that tornado-like weather kept circling the O'Neill area. Finally the storm subsided and we were able to return our patients to a familiar patient setting."

Scott relayed timely and possibly life-saving information during a tornado outbreak on July 12, 2004, and during an F3 tornado event on June 9, 2003. Another letter of recommendation, received from the Holt County Economic Development Director stated: "KBRX Radio is an integral part of all of our communities here in north central Nebraska." KBRX Director **Nicole Sedlacek** commented on an incident in November 2005, when a post Thanksgiving blizzard wreaked havoc on north central Nebraska. Scott and his father, **Gil** (who was 79 at the time), hunkered down at the radio station overnight and issued vital weather related announcements. O'Neill Police Chief Matthew Otte said that Scott possesses a "community comes first" attitude, as seen in everything he does from weather emergencies to civic activities such as Nebraska's Irish Capital St. Patrick's Day annual celebration.

Scott has served as past president of the O'Neill Chamber of Commerce for 2 years, is currently on its Board of Directors, and is one of their Ambassadors. He is a member of the Men's Club, in which he helped organize a Toys for Tots drive. He has worked tirelessly in helping promote the annual St. Patrick's Day celebration for O'Neill. He was very involved in the O'Neill Community Center project. Scott was born and raised in O'Neill and has spent most of his life there. He enjoys his work with children, and learned magic tricks to make his presentation more engaging, prompting his well liked nickname: The Great Poesini.

John Campanius Holm Awards



OPL **Robert Ebaugh**, Observer **Medora Krome**, and Hydrometeorological Technician (HMT) **David Ross**

Medora Krome was awarded the Holm Award in January 2013 after 23 years of outstanding observations at her Perrine, FL, site. Medora's observations have been used by farming interests in southern Dade County for decades, since well before the Krome family formally joined the Coop Program. **William H. Krome**, Medora's father, began taking independent weather observations at the site on December 1, 1941. He officially joined the program in 1989. The Krome family's extraordinary public service will make a lasting contribution to the communities who work to advance agriculture, transportation, and commerce in South Florida. The Perrine observation site, located at one of the last remaining family-run agricultural areas in southern Miami-Dade County, is the longest running individual/family Coop site in the NWS Miami-South Florida county warning area. This is also the first time that an NWS Miami-South Florida Observer has received a Holm award.

From left, **Betty Wing** of Eustis, ME, shows her John Campanius Holm Award presented by MIC **Hendricus Lulofs**, NWS Gray, ME. Betty has faithfully taken high quality observations for 50 years. Photo by OPL **Nikki Becker**.



125 and 100 Year Honored Institution Awards



The **Middleboro, MA, Water Department** received a 125 Year Honored Institution Award from **Nicole Belk**, Service Hydrologist (SH) NWS Taunton, MA.

Accepting this milestone achievement are Middleboro Water Department staff members Clerk **Donna Jolin**; Operator **Mike Bumpus**; OPM **Nicole Belk**; Operator **Jerry Shaughnessy**; Head Operator **Louis Ponte**; and Superintendent **Joe Silva**. Lou Ponte, aka "The Big Louison," also received a 15 Year Length of Service Award.

The **University of Massachusetts Cranberry Station** in East Wareham, MA, is home to a historical climate site that has been collecting and recording daily temperature and precipitation measurements for 100 years!

Station Director **Carolyn DeMoranville**, right, accepted the 100 year Honored Institution Award from Cooperative Program Manager (CPM) **Kim Buttrick**, NWS Taunton. Photo by **Dawna Gauvin**, University of Massachusetts.



75 Year Honored Institution Awards



NextEra Energy at Errol Dam, NH, was awarded a 75 Year Honored Institution Award. Photo and presentation by OPL **Nikki Becker**, NWS Grey, ME.

Ware Water Works in Ware, MA, received a 75 year Honored Institution Award. Operator **Mark Lussier**, left, accepted the award. Foreman **Donald Dunbar** is the recipient of a 25 Year Length of Service Award for his years of observing and recording precipitation measurements at Ware Water Works. The award was presented by CPM **Kimberly Buttrick**, NWS Taunton, MA.



Helmut E. Landsburg 60 Year Award



Lawrence Wohleb shows his Helmut E. Landsburg Award for 60 years of service.

Lawrence was the primary Observer for Naponee, NE, from February 1, 1952 until July 27, 2006, when he graciously handed over the rain stick and gauge to the new Observer.

He continues to serve as Backup Observer. During his many years as the primary Observer, Lawrence and his wife **Viola** measured over 1,300 inches of precipitation, enough to cover an 11 story building. His wettest year was 1993, the year of the Great Flood, when he measured 38.56" of rain. His driest year was 2002 when he measured just 14.49" of precipitation. The yearly average for the Naponee area was 24.38".

In addition to being Observers, Lawrence and Viola are farmers and parents. Lawrence was also the postmaster at Naponee for several years. He has recorded nearly 20,000 observations. The award was presented by Data Acquisition Program Manager (DAPM) **Marla K Doxey**, NWS Hastings, NE.

55 Year Benjamin Franklin Award

MIC **Mark Jackson** presented **Barbara Cabral** with the Benjamin Franklin Award for 55 years of dedicated service to the Coop Program at the Salsipuedes Gaging Station near Lompoc, CA.

Barbara and her late husband **Joe** have been taking observations since 1957 for what was then the Weather Bureau. For 10 years before that, they provided observations to the U.S. Geological Survey, which maintains a gaging station on Salsipuedes Creek near the Cabral's property. Barbara and Joe first started taking observations for personal interest to support their cattle ranching and bean farming. According to Barbara, her reports are quite popular with local residents, who often call her to ask how much rain she received.

Photo by CPM **Bonnie Bartling**.



Edward H. Stoll 50 Year Awards



William Crow, center, Observer at Valley Head, AL, accepts a 50 Year Edward H. Stoll Award. The award was presented by NWS Huntsville, AL, MIC **Chris Darden** and Journey Forecaster **Michelle Amin**. Photo by OPL **Larry Burgett**, NWS Huntsville.

John R. Anderson, center, Observer at Walpole, MA, holds his prestigious Edward H. Stoll Award presented in recognition of 50 years of service as a Coop Observer. The award was presented by NWS Taunton, MA, MIC **Robert M. Thompson** and CPM **Kimberly Buttrick**. John's wife of 40 years, **Susan**, stands by his side. We honored John during a luncheon at the Horse and Carriage House located in nearby Norwood, MA.



Shinichi Kaneshiro, of Hilo, HI, proudly accepts the Edward H. Stoll Award and a letter of appreciation from the Assistant Administrator for Weather Services for 50 years of outstanding service. The award was presented by CPM **Jeffrey Moss**, NWS Hilo, HI. Shinichi and his family, including his late wife, **Sawako**, and two sons **David** and **Robert**, have been observing at this location since December 1961. Shinichi started collecting rainfall in 1961 while working as a soil conservation officer and continued after his retirement. When he is away from home, his two sons fill in, making his 50 years one of the most complete period of records in the Hawaiian Islands.

50 Year Honored Institution Awards

Dale Fink of Dufurrena, NV, proudly accepts a 50 Year Honored Institution Award. The award was presented by former MIC **Kevin Baker**, NWS Elko, NV. Personnel working for the **Sheldon National Wildlife Refuge** have been taking observations for the National Weather Service since August 1959. Photo taken by OPL **Bill Ash**, NWS Elko, NV.



NWS Morristown, TN, presented a 50 Year Honored Institution Award to the **Athens Utility Board**. Accepting the award are Observers **Tad Simpson Jr.** and **Michael Coleman**.

45 Year Dick Hagemeyer, 35 Year Service Awards



Richard Hamilton shows his Dick Hagemeyer Award recognizing 45 years of weather observations for the Ludington, MI, area. Richard began observing in October of 1967. He has original paper copies of all but 2 months of his observations!

Richard is known for providing insightful and colorful remarks in his weather observations: "Nice day. Deer in front yard. First hummingbird [of the season]." "Sand hill cranes and geese all over the field." "Windy...drifting big time!" "Family [over] for supper; windy!" With his 45 years of observing experience, Richard has helped build a climatological understanding of the greater Ludington area.

Richard has lived in Ludington his whole life. He met his wife in town and they have been married for 62 years! Richard served in the U.S. Army during World War II and enjoys gathering with fellow veterans in the area. A special luncheon was held on October 31 to honor Richard for his 45 years of observing experience. In attendance were NWS Grand Rapids MIC **Dan Cobb** and OPL **Brandon Hoving**.



Duane Hatch of Beowawe, NV, proudly accepts a 35 Year Length of Service Award. The award was presented by former MIC **Kevin Baker**, left, and WCM **Michael Fitzsimmons**. Duane has been taking extremely accurate daily weather observations since September 1976. Photo taken by NWS Elko, NV, OPL **Bill Ash**.



Robert Fye, of Lakeport, NH, accepted a 35 Year Length of Service Award. Photo by NWS Grey, ME, HMT **James F. Brown**.

35 year, 30 Year and Special Service Awards



Leah and **Ted Rookstool**, center, of Kings River Valley, NV, accept a 35 Year Length of Service Award. Leah and Ted have been dedicated in providing weather observations since August 1975. The award was presented by former NWS Elko, NV, MIC **Kevin Baker**, left, and WCM **Michael Fitzsimmons**. Photo by OPL **Bill Ash**.



Charles B. Strickland of Marlow, NH, received a Special Service Award in recognition and appreciation for his significant services rendered to NWS. Charles served 34 years as an Observer before regretfully retiring. His daily temperature and precipitation reports have been extremely valuable—especially given his proximity to the Ashuelot River in Cheshire County, NH. Charles accepted this award with his canine assistant, **Ellie**, by his side. Many thanks to Charles for his years of service! Photo by CPM **Kimberly Buttrick**, NWS Taunton, MA.



Holly Cogan, Observer in the Brooklyn, MI, area accepts her 30 Year Length of Service Award from NWS Grand Rapids, MI. Holly is a local art and theater critic for an area newspaper and very much enjoys attending the productions and writing reviews. Holly has been a resident of the area her whole life. She lives in a country neighborhood with gently rolling hills. Her husband, **Harry**, is her backup Observer. Harry served in the U.S. military and is also an avid golfer. The Cogan's attend a local church, which is small in size but serves the community faithfully. Both Holly and Harry are warm and inviting individuals who exhibit character and charm.



Elaine and **Wesley Lewis** of Partoun, UT, proudly accept a 30 Year Length of Service Award. The couple has been dedicated in providing accurate daily weather observations for the residents of Juab County in the west Utah desert since October 1980. Photo by OPL **Bill Ash**, NWS Elko, NV.

25 Year Length of Service Awards



John Albisu of McDermitt, NV, proudly accepts a 25 Year Length of Service Award. John and his wife, **Rosie**, who received a similar award for serving as backup, have been providing NWS Elko, as well as the citizens of McDermitt, with extremely accurate weather observations since January 1986. Photo taken by OPL **Bill Ash**, NWS Elko, NV.



Steve Duchesne, Superintendent of Operations and Safety at **Lowell Regional Water Utility** received a 25 Year Length of Service Award.

Steve is part of a proud tradition of weather observing in Lowell, where weather records date back to 1826! The utility has contributed to this historic record since 1978. Way to go Lowell, MA! Photo by CPM **Kimberly Buttrick**, NWS Taunton, MA.



Bob Gavin, of the **Decatur, IN, Sewage Treatment Plant**, accepts a 25 Year Length of Service Award from OPL **Brentley Lothamer**, NWS Northern Indiana. Bob is a dedicated Observer. Once he had to get into a small boat and row out to the rain gage to take the rainfall measurement due to a flood.



Roger Stafford accepts his 25 Year Length of Service Award for the Rankin, TX, Coop Station. Pictured from left are his lovely canine assistant, **Molly**, OPL **Colleen Rhea**, NWS Midland, TX, and Roger. Photo by ESA **Charles Yaw**.

25 Year Honored Institution Awards



Dixie Choate of Jackpot, NV, accepts a 25 Year Honored Institution Award from OPL **Bill Ash**, NWS Elko, NV. Personnel working for the Jackpot city government have been taking observations for the NWS since March 1986. Photo by HMT **Delyne Kirkham**.



Allyson Virden of the **Mt. Leconte Lodge** in East Tennessee accepts a 25 Year Honored Institution Award from NWS Morristown, TN.



From the left, NWS Tucson, AZ, MIC **Glen Sampson** presented a 25 Year Honored Institution Award to **James Head**, State Park Ranger and the longest serving employee at **Picacho Peak State Park**. Pictured in the background is the new Visitors Center. This park is on Interstate 10 between Phoenix and Tucson, and is known for its outstanding desert flowers in the spring. Photo by OPL **Mic Sherwood**.



NWS Honolulu, HI, presented a 25 Year Honored Institution Award to the **Makaha Country Club** on the Big Island of Hawaii. Coop Observers **James Longboy** and Supervisor **William Suckoll Jr.** accepted the award.

20 and 15 Year Length of Service Awards



Mike Cook of the **Columbia City, IN, Water Pollution Control Facility** accepts a 20 Year Length of Service Award from NWS Northern Indiana OPL **Brentley Lothamer**.



Edward Greenough, Project Manager at the U.S. Army Corps of Engineers, West Thompson Lake, CT, received a 20 Year Length of Service Award. Park Ranger **Michelle Dwyer** received a 10 Year Length of Service Award. Photo by CPM **Kimberly Buttrick**, NWS Taunton, MA.



Joy Hendrix of Lund, NV, accepts a 20 Year Length of Service Award. Joy and her husband, **Norris**, have been taking daily weather observations for the residents of Lund since June 1990. Photo taken by OPL **Bill Ash**, NWS Elko, NV.



Employees of **Marblehead, MA, Water Department** show their 20 Year Length of Service Awards for their contributions to the climate record in Marblehead, MA. Pictured from left are Assistant Superintendent **Amy McHugh**, Foreman **William Haskell**, and Mechanic Pipe Fitter **Mike Marsters**, and Water Technician **Greg Burt**. Amy, William, and Greg received 20 Year Length of Service Awards. Mike received a 5 Year Award. Photo by CPM **Kimberly Buttrick**, NWS Taunton, MA.



Arlene John and her brother **Gene Sharp**, center, of Denio, NV, proudly accept 20 and 15 Year Length of Service Awards, respectively. Arlene has been taking weather observations since July 1987, while her brother started helping her in November 1996. The awards were presented by former MIC **Kevin Baker** and WCM **Michael Fitzsimmons**. Photo taken by OPL **Bill Ash**, NWS Elko, NV.

20 Year Length of Service Awards



Todd Johnson, left, accepts a 20 Year Length of Service Award from NWS Hastings, NE, HMT **Philip Beda**. Todd has been the Observer for the Upland, NE, area since 1992, when he took over precipitation reports for his grandfather, **Roy Detrick**. Roy was the Observer from 1958-1992. Precipitation records for Upland, NE, date back to 1914! Todd has measured over 500 inches of rain at his site, enough water to submerge a 4 story building! His wettest year was 1993 when he measured 36.89", more than a foot above the annual average: 24.20".



Charles Kennedy, Assistant Superintendent at the New Bedford Water Department **Quittacas Water Treatment Plant** received a 20 Year Length of Service Award from CPM **Kim Buttrick**, NWS Taunton, MA. Charles is part of a long tradition of weather observing from the Quittacas Water Treatment Plant in East Freetown, MA. Weather records from the plant date back to 1951.



Dee Kunzler of Rosette, UT, proudly accepts a 20 Year Length of Service Award. Dee and his son **Del** have been taking accurate daily weather reports since November 1991. Their observations have provided weather information for citizens of Box Elder County and Park Valley, UT. Photo taken by OPL **Bill Ash**, WFO Elko, NV.



Power Plant Engineers at **Lawrence Hydro-Electric Associates** received Length of Service Awards for their contributions to a long standing climate record in Lawrence, MA that dates back to 1856! **Carey Sullivan**, left, received a 20 Year Length of Service Award. **Pat Donahue** received a 10 Year Length of Service Award. The mighty Merrimack River is in the background.



Sarah Thompson, of Bethlehem, NH, accepted a 20 Year Length of Service Award and is holding a picture of the previous Observer, **Sandra Thompson**, who was the primary Observer until she passed away in 2008. Photo by HMT **James F. Brown**.

20 and 15 Year Length of Service Awards



Frank Zolvinski, of Kingsbury, IN, accepts a 20 Year Length of Service Award with his dog, **Simon**. The award was presented by OPL **Brentley Lothamer**, NWS Northern Indiana. Frank has been reporting precipitation at this site since 1992.



Jack Reily, left, and **Luann Swainston** of Richfield, ID, receive their 15 Year Length of Service Awards. Their unselfish and dedicated service has benefited both NWS and Richfield. The award was presented by MIC **Rick Dittmann**, NWS Pocatello, ID. Photo by OPL **Gary Wicklund**.



Larry Covey, of the **Huntington Water Works**, accepts a 15 Year Length of Service Award. The award was presented by OPL **Brentley Lothamer**, NWS Northern Indiana.



Wayne Cotterly, of Poland, ME, accepted a 15 Year Length of Service Award from NWS Grey, ME, OPL **Nikki Becker**.



Dave Ries of Cut Bank, MT, received a 15 Year Length of Service Award. Presenting the award was NWS Great Falls, MT, OPL **Jerome Saucier**. Photo by coworker **Roy Knollkamper**.

15 and 10 Year Length of Service Awards



James West, Park Ranger at the U.S. Army Corps of Engineers Tully Lake, MA, received a 15 Year Length of Service Award. CPM **Kim Buttrick**, NWS Taunton, presented the award.



Jeff Aborn, of Staffordville, CT, received a 10 Year Length of Service Award for his recording temperature and precipitation measurements from his backyard. CPM **Kim Buttrick**, NWS Taunton, presented the award.



Cherie Finlinson of Oak City, UT, proudly accepts a 10 Year Length of Service Award. Cherie has been taking extremely accurate weather observations since August 2001. Her family has been providing weather reports for residents of Oak City and Millard County since 1906! Photo taken by OPL **Bill Ash**, NWS Elko, NV.



Steve Hagan, of Denver, IN, accepts a 10 Year Length of Service Award. Steve takes river observations on the Eel River. Award presented and photo taken by OPL **Brentley Lothamer**, NWS Northern Indiana.



Leonard Kreuger, Observer at Cochetopa Creek, CO, was presented with a 10 Year Length of Service Award. Leonard took over observing duties from his father. The Kreuger family has been ranching in the Gunnison River Valley since 1947. Besides running a working ranch, Leonard is a guide during hunting season. In the fall, Leonard trades in his wide brim cowboy hat and jeans for florescent orange and camouflage. Photo and presentation by CPM **Becky Klenk**, NWS Grand Junction, CO



Sylvia Martinez of Plains, TX, displays her 10 Year Length of Service Award from Senior Service Hydrologist **John Lipe**, NWS Lubbock, TX. Photo by Senior Forecaster **Joe Jurecka**.

10 and 5 Year Length of Service Awards Certificates of Recognition



Jack and **Cathy Neil** of Moorman Ranch, NV, proudly accept a 10 Year Length of Service Award. Jack and Cathy have been providing consistent and accurate weather observations since April 2001. Photo taken by OPL **Bill Ash**, NWS Elko, NV.



Lead Operator **Jeff Papuga** and Operator **Kevin Kellett** of the **Milford, MA, Water Company** received 10 Year Length of Service Awards from CPM **Kim Buttrick**, NWS Taunton. Milford Water is on the head of the Charles River in Southeast Worcester County. The company's records date back to 1930. Many thanks to Jeff and Kevin for carrying on the tradition!



Tricia Van Pelt of Sabinal, TX, was presented a 10 Year Award by her son, HMT **Cory Van Pelt**, NWS Austin/San Antonio, TX. Tricia took over observing duties from Cory in September 2002 when Cory accepted an NWS job in Alaska. He transferred to NWS Austin/San Antonio just in time to present the award to his mother.



Eric Chouinard, Park Ranger at the U.S. Army Corps of Engineers, Otter Brook Lake, NH, received a Certificate of Recognition for 5 years of dedication as a weather Observer. CPM **Kim Buttrick**, NWS Taunton, presented the award.



OPL **Mike McAllister**, left, NWS Jacksonville, FL, presents a Certificate of Recognition to **Tim Earle** of Crescent City, FL. Tim was an excellent Observer who had to leave the Coop program. Before leaving, he recruited a friend to take over, ensuring Tim's record of conscientious service will continue. Photo by Tim's wife, **Jackie Earle**.



Michael S. Jezak received a Certificate of Recognition for 5 years of dedication as a weather Observer from Tiverton, RI. Weather observing is a family affair in the Jezak family. Mike's son, **Michael W. Jezak**, is an Observer in Surry, ME.

**The National
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March, April, May Temperature and Precipitation Outlooks From the Climate Prediction Center

